

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the subject application.

Listing of Claims:

1. (Currently Amended) A speech recognition system comprising:
a querying device for posing at least one query to a respondent;
a speech recognition device which receives an audio response from said respondent and transcribes said audio response to produce a corresponding text response; and
a storage device for storing said audio response as it is received by said speech recognition device;
an accuracy determination device for comparing said text response to a text set of expected responses and determining whether said text response corresponds to one of said expected responses, wherein if said accuracy determination device determines that said text response does not correspond to one of said expected responses within a predetermined accuracy confidence parameter, said accuracy determination device flags said audio response so as to produce a flagged audio response for further review; and
a human interface device for enabling a human operator to hear the audio response and review the corresponding text response for the flagged audio response to determine the actual text response for the flagged audio response, either by selecting from a predetermined list of text responses or typing the actual text response if no such match exists in the predetermined list of text responses.

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Currently Amended) The speech recognition system of claim ~~4~~1, wherein said human interface device comprises a personal computer including a monitor for enabling the operator to view said ~~at least one query~~text response and an audio speaker device for enabling the operator to listen to said flagged audio response.

6. (Currently Amended) The speech recognition system of claim ~~45~~5, wherein said querying device includes a program having an application file, said application file including code which causes the at least one query to be posed to the respondent, a list of expected responses and an address at which a file containing the received audio response will be stored in the storage device.

7. (Currently Amended) The speech recognition system of claim ~~5~~1, wherein said querying device includes a program having an application file, said application file including code which causes the at least one query to be posed to the respondent, a list of expected responses and an address at which a file containing the received audio response will be stored in the storage device.

8. (Currently Amended) The speech recognition system of claim ~~4~~1, wherein said human interface device includes a graphical user interface on which the operator views said ~~at least one query and said text set of expected responses~~, wherein, after listening to said audio response, the operator is able to select one of said expected responses from said text set of expected responses if the operator determines that the response corresponds to one of said expected responses.

9. (Currently Amended) The speech recognition system of claim ~~7~~1, wherein said human interface device includes a graphical user interface on which the operator views said ~~at least one query and said text set of expected responses~~, wherein, after listening to said audio response, the operator is able to select one of said expected responses from said text set of expected responses.

10. (Currently Amended) The speech recognition system of claim ~~79~~ wherein said graphical user interface comprises an application navigation window for enabling the operator to navigate through said ~~at least one query~~ text set of expected responses, and an audio navigation window for enabling the operator to control playback of said audio response.

11. (Currently Amended) The speech recognition system of claim ~~98~~, wherein said graphical user interface comprises an application navigation window for enabling the operator to navigate through said ~~at least one query, and~~ text set of expected responses, and an audio navigation window for enabling the operator to control playback of said audio response.

12. (Currently Amended) The speech recognition system of claim ~~710~~, wherein said graphical user interface includes a text entry window which enables the operator to enter a text response if none of said expected responses from said text set of expected responses corresponds to said audio response.

13. (Currently Amended) The speech recognition system of claim ~~149~~, wherein said graphical user interface includes a text entry window which enables the operator to enter a text response if none of said expected responses from said text set of expected responses corresponds to said audio response.

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Currently Amended) A method ~~for~~of transcribing an audio response comprising:

A. posing a query to a respondent;

B. receiving an audio response from said respondent;

C. performing a speech recognition function on said audio response to transcribe said audio response to a textual response;

D. recording said audio response;

E. comparing said textual response to a set of expected responses to said query, said set including a plurality of expected responses to said query in a textual form; and

F. flagging said audio response so as to produce a flagged audio response for further review if the corresponding textual response does not correspond to one of said expected responses in said set of expected responses within a predetermined accuracy confidence parameter.

G. listening to the actual audio response corresponding to said flagged audio response;
and

H. determining if one of said expected responses corresponds to said actual audio response; and

I. if such determination of step H. is in the affirmative, selecting, from said set of expected responses, a textual response that corresponds to said audio response.

27. (Cancelled)

28. (Currently Amended) The method of claim 26, further comprising:

~~G. listening to said audio response; and~~

~~—H. manually transcribing a textual response that corresponds to said audio response if such determination of step H is negative.~~

29. (Currently Amended) A method ~~for~~of transcribing an audio response comprising:

A. constructing a speech recognition application including a plurality of queries and a set of expected responses for each query, said set including a plurality of expected responses to each query in a textual form;

B. posing each of said queries to a respondent;

C. receiving an audio response to each query from said respondent;

D. performing a speech recognition function on each said audio response to transcribe each said audio response to a textual response to each query;

E. recording each audio response; ~~and~~

F. comparing each textual response to said set of expected responses for each corresponding query to determine if each textual response corresponds to any of said expected responses in said set of expected responses for the corresponding query;

~~G. flagging an audio response so as to produce a flagged audio response for further review if the corresponding textual response does not correspond to one of said expected responses in said set of expected responses within a predetermined accuracy confidence parameter,~~

~~H. listening to the actual audio response corresponding to said flagged audio response;~~

~~I. determining if one of said expected responses corresponds to said actual audio response; and~~

~~J. if such determination of step I. is in the affirmative, selecting, from said set of expected responses, a textual response that corresponds to said audio response. flagging each~~

audio response corresponding to a textual response that does not correspond to one of said expected responses in said set of expected responses to the corresponding query.

30. (Cancelled)

31. (Cancelled)

32. (Cancelled)

33. The method of claim ~~34~~²⁹, further comprising manually transcribing a textual response that corresponds to each flagged audio response if such determination of step J is negative..

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)